Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per: \_\_\_\_\_\_\_

*Your assigned option (circle): A B C* Your group:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Geometry**

**Angry Birds Rubric**

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Exceeding – 5 points** | **Meeting – 3-4 points** | **Does Not Meet – 0-2 points** |
| **Part 1: Graph** (double points!)  **\_\_\_\_\_\_\_\_\_/10** | * All flight paths are accurately graphed on the same coordinate plane with precise axis intervals * Vertex and zeros are labeled and accurately reflect the starting location, ending location, and maximum height. | * All flight paths are somewhat accurately graphed on the same coordinate plane with axis intervals that are somewhat precise * 1-2 pieces of information (vertex or zero) are not labeled or inaccurate. | * More than 1 flight path is not accurately graphed on the same coordinate plane AND axis intervals are not precise * More than 2 pieces of information are not labeled or inaccurate. |
| **Part 2: Table**  **\_\_\_\_\_\_\_\_\_/5** | * Each flight path has its own corresponding table with at least 5 x & y values * Vertex and zeros are labeled and accurate * All table values correspond to the graph | * Each flight path has its own table of values * 1-2 pieces of information (vertex or zero) are not labeled or inaccurate. * 1-2 places where table does not clearly correspond to the graph | * More than 1 flight path is missing a table of values * More than 2 pieces of information are not labeled or inaccurate. * More than 2 table values that do not correspond to the graph |
| **Part 3: Creating**  **\_\_\_\_\_\_\_\_\_/5** | * Option chosen is clearly stated * Original quadratic equation correctly matches the criteria given * Graph accurately matches the quadratic equations * Explanation demonstrates how the equation meets the criteria | * Either the quadratic equation or the graph correctly matches the criteria, but graph may not accurately match the equation * Explanations may be partially incomplete or inaccurate | * Option chosen is not clear. * Quadratic equation is missing, or more than 1 does not match the criteria given * More than 1 graph does not accurately match the quadratic equations given * More than 2 explanations are missing or incomplete |
| **Part 4: Factoring** (double points!)  **\_\_\_\_\_\_\_\_\_/10** | * All equations are factored correctly with all work shown * Solutions are clearly identified for each equation * Work is clearly *checked* by foiling factored answer back to original trinomial | * All equations are factored correctly, but not all work is clearly shown OR one equation has an error in factoring * Solutions are identified for each equation * Work is not clearly *checked* by foiling factored answer back to original trinomial | * More than one equation has an error in factoring or work is not clearly shown for each equation * Solutions are not identified for each equation * Work is not clearly *checked* by foiling factored answer back to original trinomial |
| **Part 5: Interpret**  **\_\_\_\_\_\_\_\_\_/5** | * All questions are clearly answered in complete sentences with correct answers * Any questions that require justification or explanation are well written and coherent | * All questions are clearly answered in complete sentences with 80% correct answers * Answers have some justification and explanation, but it is not fully clear or well written | * Not all questions are answered and those that are completed are inaccurate and not well written * Answers do not have necessary justification or explanation |
| **Organization & Clarity \_\_\_\_\_\_/5** | * All work and graphs are clearly organized and neatly presented. | * Some work and graphs are clearly organized and neatly presented. | * Work and graphs were not neatly done or organized |

**TOTAL: \_\_\_\_\_\_\_\_\_\_\_/40**